

SALIENT DETAILS

1	Name of Scheme	CWSS to 541 habitations in Kadavur and KR Puram unions in Karur District and Vaiyampatti union of Trichirappalli District			
2	Administrative Sanction (Amount and No)	GO MS No.5/MA & WS (WS 3)/ Dt 13.1.2005 Rs.4900 Lakhs.			
3	Technical sanction (Amount and No)	CE/ER/TNJ/No 25/2004-05 dt.4.2.2005 Rs.4889 lakhs			
4	Population.	Present (yr 2001)	b) Intermediate (yr 2016)	C) Ultimate (Yr 2031)	
	1) 541 Rural Habitations Kadavur - 249 Habs. K.R. Puram - 20 habs, Vaiyampatty - 272 habs	198002	227776	257442	
5	Requirement (Habitations/ Townwise)				
	541Habs at 55 LPCD	11.95 mld	13.78 mld	15.58 mld	
6	Hours of pumping Head works&Booster stations	20 hours			
	Group sumps	12 Hours			
7	Rate of Pumping		11499 lpm	12983 lpm	
8	Headworks				
A	Source	6.00 m dia Collector well 1 No with radial arms in River Cauvery			
B	Location of the source	Near Chinthalavadi 16 km from Kulithalai in Kulithalai - Karur Road			
C	Yield of the source	17.00 MLD			
D	Offtake arrangements	Nil			
E	Raw water	---			
F	Treatment works	Nil			
G	Clear Water				
	i) Sump	6.00 m dia Collector well 1 No with radial arms of 300 mm dia for a total length of 448 m in River Cauvery			
	ii) Pump house	8.50 m Dia over Collector well and Controll room 6X6 m - 1 No			
	iii)Pumpsets (HP/ Duty)	2 Nos Turbine pumpsets each 5750 lpm X 76 m head to run parrallel			
	iv) Pumping main	600 mm dia PSC 20220 m			

H	No of main Booster stations	4 Nos			
I	Booster stations (Details)	B.S. 1 Karattupatti	B.S. 2 Mylampatti	B.S. 3 Palaviduthi	B.S. 4 Vaiyampatti
	i) Sump	8.00 LL	7.00 LL	5.00 LL	2.00 LL
	ii) Pump house	12X11 m	12X11 m	12X11 m	7X5 m
	iii) Pumpsets (HP/ Duty)	HSC Centrifugal - 3 Nos 4978 lpm X 57 m to run in parallel	HSC Centrifugal -3 Nos 3792 lpm X 66 m to run in parallel	HSC Centrifugal -2 Nos 2883 lpm X 35 m	Open well Subersible pumpsets 4 Nos
J	Booster mains	600 mm PSC 13820 m	450 mm PSC 10200 m	350 mm PSC 14220 m	
K	Group sumps & Pumphouse (total 28 Nos) (Details in separate sheet)	4 (Karattupatty Zone)	7 (Mylampatti Zone)	11 (Palaviduthi Zone)	6 (Vaiyampatti Zone)
	Group sump pumpsets	Total 142 Nos			(Details in separate sheet)
	PUMPING MAIN	600 MM PSC 16 KSC		609.85 m	
		600 MM PSC 14 KSC		5273.65 m	
		600 MM PSC 12 KSC		2120.55 m	
		600 MM PSC 10 KSC		2120.55 m	
		600 MM PSC 8 KSC		1615.80 m	
		600 MM PSC 6 KSC		6550.00 m	
		600 MM PSC 4 KSC		1038.15 m	
		TOTAL	-	19583 m	

&BOOSTER MAIN DETAILS				
Service Reservoirs	30000 Litres 25 Nos , 10000 litres 151 Nos, HDPE tank -5 Nos			
Distribution System	124.83 Kms			
cost Details				
AM cost	Rs.223.00 lakhs			
Per capita	Present Rs.2475			
Cost per 1000 litres	Rs.14.36			